Nova 3® respirator

Protecting you for life's best moments.

TECHNICAL DATA SHEET GVS-RPB.COM

Approvals & Standards

ISO9001 CERTIFIED COMPANY

NIOSH APPROVED
TYPE CE SAR / TYPE C PAPR

CE 2797
UKCA 0086
EN14594:2018 4B
EN12941:2023 TH3
RESPIRATORY PROTECTION

EN397:2003+A1:2009
HARD HAT PROTECTION
Impact Clauses

EN166:2001 CLASS 1B
EYE & FACE PROTECTION

ANSI
Z89.1
HARD HAT PROTECTION
Type 1 Class C

Z87+
EYE & FACE PROTECTION

PRODUCT CERTIFICATION
BSI Certified Product
AS/NZS 1716:2012
BMP# 714303
RESPIRATORY PROTECTION

AS/NZS 1801:1997
BMP# 714306
HARD HAT PROTECTION

AS/NZS 1337.1:2010
BMP# 714304
EYE & FACE PROTECTION

The Nova 3 is a supplied air, loose fitting, heavy industry respirator designed for all forms of abrasive blasting and other industrial applications where there is a need for respiratory, eye, face, head and hearing protection.

This respirator does not require face fit testing.

The Nova 3 offers a number of optional accessory items, including:	Part #
Nova 3 Talk™ in-helmet communication system (requires radio connection cable)	09-903
L4™ Light helmet mounted light	09-502

Type description

Loose fitting continuous flow supplied air or powered air respirator.

NIOSH approved packages	Part #
Nova 3 with standard nylon cape, breathing tube, C40™ Climate Control Device	NV3-705-50

CE & AS/NZS approved packages	Part #
Nova 3 with standard nylon cape, breathing tube, constant flow device	NV3-711-50
Nova 3 with standard nylon cape, breathing tube, C40 Climate Control Device	NV3-715-50

Additional configurations are available.



GVS-RPB Nova 3 respirator head top.

Required components

- Nova 3 respirator head-top
- Cape or blast jacket
- Breathing tube
- Flow control device and breathing airline or GVS-RPB PAPR

Application ranges (including but not limited to the following)

Abrasive blasting, metal cutting/grinding, fettling, thermospray/metallization.

Specifications

Assigned Protection Factor	
NIOSH	APF 1000+
CE & AS/NZS	APF 40 (TH3) / NPF 500 / 4B

Materials	
Nylon	Injection molded parts, cape
Polyurethane foam	Silencer foam, comfort padding
Polystyrene	Impact absorber
Polycarbonate	Inner lens
Santoprene	Cape cover band
A-PET	Outer lens
PETG	Tear-off lenses

Noise rating	
Helmet with ear pads	NRR 7
Helmet with ear pads and bell shaped foam ear plugs with an NRR of 31	NRR 33

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Operating temperature
14°F to 140°F / -10°C to 60°C

Storage temperature
14°F to 113°F / -10°C to 45°C <90%RH

Required Component Options

NIOSH approved breathing airlines - standard hose

Fitting type	Hose length	Part #
GVS-RPB	25ft breathing airline	NV2028
	50ft breathing airline	NV2029
	100ft breathing airline	NV2027
Schrader	25ft breathing airline	04-342-25
	50ft breathing airline	04-342-50
	100ft breathing airline	04-342-100
RZ	25ft breathing airline	04-352-25-RZ
	50ft breathing airline	04-352-50-RZ
	100ft breathing airline	04-352-100-RZ

Standard hoses maximum working length - 300ft
Max working pressure - 300psi

NIOSH approved breathing airlines - recoil hose

Fitting type	Hose length	Part #
GVS-RPB	15ft recoil hose*	04-412-15
	25ft recoil hose*	04-412-25
Schrader	15ft recoil hose*	04-442-15
	25ft recoil hose*	04-442-25

Recoil hose maximum working length - 1 hose
Max working pressure - 300psi

CE & AS/NZS approved breathing airlines - standard hose

Fitting type	Hose length	Part #
CEJN	7.5m breathing airline	04-322-25
	15m breathing airline	04-322-50
	30m breathing airline	04-322-100

Max working length - 90m
Max working pressure - 20.7bar

Refer to instruction manual for more detail

Weight

Nova 3 with standard cape	4.0lbs (1.8kg)

Warranty
1 year. Conditions apply, visit **gvs-rpb.com/legal** for full details.

Fittings and couplers

NIOSH	GVS-RPB Quick Connect Schrader Twist Connect GVS-RPB RZ Quick Connect
CE & AS/NZS	CEJN 342 Double Action Safety Coupler

NIOSH approved flow control devices	Part #
C40 Climate Control Device	03-501
Cool Tube	4000-01
Hot Tube	4000-20
Flow Control Valve	NV2016
Constant Flow Valve	03-101
PX5® PAPR	03-801

Other NIOSH flow control device and fitting combinations available

CE & AS/NZS approved flow control devices	Part #
C40 Climate Control Device	03-502
Constant Flow Valve	03-102

Breathing Tubes	Part #
Supplied Air (blasting)	NV2021B
Supplied Air (non-blasting)	04-833
Powered Air (PX5)	04-831
Powered Air - short for backpack (PX5)	04-841

Cape options	Part #
Nylon cape	NV3-750
Extra length nylon cape	NV3-751
Leather cape	NV3-752
Extra length leather cape	NV3-753
Blast jacket XL	NV3-754
Blast jacket XXL	NV3-755

Accessories & Consumables

Padding sizes (thickness)	Part #
5mm	A05
10mm - standard on all new helmets	A10
15mm	A15
20mm	A20

Lens Options

Required lenses	Part #
Inner lens	NV3-722
Outer lens	NV3-724
Tear-off lens	NV3-725

Alternative lenses	Part #
Cassette lens (bonded outer lens with 5 tear-off lenses)	NV3-745
Tinted inner lens (for metal spray)	NV3-722-T



Employers

Read the Nova 3 and the flow control device instruction manual and carry out the employer responsibilities.
Provide the manuals to all users.

Product users

Read the Nova 3 and the flow control device instruction manual and follow the product user safety instructions.

Manuals are regularly updated.

Current version of manual and for other languages:

gvs-rpb.com/resources

Contact

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